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ST.	i 1R	ENG	EG&G ROCKY FLATS, INC.
TTI, R.L.	X	X	ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000
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James K. Hartman Assistant Manager DOE, RFO

RESPONSE TO "FAILURE TO COMPLY" LETTER, SOLAR PONDS IM/IRA - RLB-041-93

Ref: G. W. Baughman Itr to R. J. Schassburger, Failure to Comply with IAG Milestones, OU-4 IM/IRA Decision Document, January 4, 1993

EG&G Rocky Flats, Inc. has prepared information for your response to the State of Colorado letter referenced above. The information requested by the regulators is attached in a draft letter format for your convenience.

The "commitment" dates include a modest time contingency which, after analysis, was added to the corresponding dates reflected in the attached "working schedule". We believe this schedule contingency is essential to allow for delays due to weather, technical problems, or other unforseen circumstances which were not included in the detailed working schedule.

To meet the commitment dates, it will be necessary for both EG&G Rocky Flats and DOE to complete tasks within the durations defined in the working schedule. If we allow the contingency time to be used for "ordinary" delays, there will not be sufficient contingency time available to address the problems described above, and the likelihood of achieving the commitment dates will be low. Please note the durations for items 16410020, 16470022, 16470080, and 17000040 in the Building 910 Evaporator Startup schedule and items 421000020, 53000050, 53000070, and 53000080 in the ITS Diversion schedule, for which DOE, HQ or DOE, RFO has the responsibility completion. The durations for these activities (described at attachment) were developed in coordination with your representatives. If you are unable to commit to them with a high degree of confidence, please contact us in order that we may discuss appropriate modifications to the commitment dates or assumptions.

The schedule for diverting the Interceptor Trench Water to the surge tanks can be compressed if we modify the modular tank design to delete the .020" ultraviolet protection internal liners. We must remove these liners to repair leaks in all 3 tanks. According to the material manufacturer, the underlying .080" liners are warranted for a 20 year life

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James K. Hartman January 22, 1993 93-RF-0545 Page 2

without any uv protective liner. By not replacing the .020 liners, we will save nine days of time from the critical path. Furthermore, this will improve our ability in the future to conclusively determine the integrity of the primary .080" liners. When present, the .020" liners act as a bladder, which can mask defects in the underlying .080" liners. We strongly recommend that you support our position in this matter and that you request from CDH and EPA this appropriate modification to the IM/IRA. We are eager to discuss this matter further with you.

If you have any questions, please contact E. M. Lee at 966-8648 or J. A. Ledford on 966-8673.

R. L. Benedetti

Associate General Manager

Environmental Restoration Management

EG&G Rocky Flats, Inc.

EML:apt

Orig. and 1 cc - J. K. Hartman

Attachments:

As Stated (2)

cc:

F. R. Lockhart

- DOE, RFO

R. J. Schassburger

Attachment . 1

DOE, HQ and DOE, RFO Commitments in Support of IM/IRA Milestones

In support	of Building 910	
Activity	Description	Duration
16410020 16470022	DOE, HQ approval of SAR RFO review and approval of Qualification Sampling Plan	28 Days 5 Days
16470080 17000040	Secure approval of Qualification Samples DOE readiness evaluation	5 Days 5 Days
in support	of Interceptor Trench System water di	version
in support	of Interceptor Trench System water di Description	version Duration
•	Description DOE, HQ approval of SAR RFO review/approval of Readiness	
Activity 42000020	Description DOE, HQ approval of SAR	Duration 37 Days

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Gary W. Baughman, Chief
Facilities Section
Hazardous Waste Control Program
Colorado Department of Health

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Martin Hestmark, Manager Rocky Flats Project U. S. Environmental Protection Agency

The Department of Energy, Rocky Flats Office (DOE, RFO) has reviewed your letter regarding the schedule for the April, 1992, Interim Measure/Interim Remedial Action (IM/IRA) for the Rocky Flats Plant Solar Ponds.

We note that the IM/IRA in question is not included in the Interagency Agreement (IAG) Table 6 enforceable milestones. In fact the introduction to the IM/IRA Decision Document (DD), page 1-1 states: "This IM/IRA document is not related to the IM/IRA as referenced in the IAG...Pondcrete operations are addressed in the Agreement in Principle (AIP), not the IAG..." We are, however, providing the schedule information you requested in your letter.

Two sets of dates are provided. Attachment 1 provides the revised dates for the IM/IRA TAble 3.2 construction and operation activities (that is, for the last four milestones in Table 3.2). This format is provided for clarity, so the dates can be directly related to those in the IM/IRA Decision Document. Attachment 2 provides dates for the six activities listed in your letter of January 4, 1993. Attachment 3 lists the assumptions which provide a basis for our projected dates and several caveats which have the potential (of shortening or) lengthening the schedule.

The objectives of the IM/IRA are: (1) to cease the addition of water from the Interceptor Trench System(ITS) to the Solar Ponds and (2) to remove excess pond water as expeditiously as possible in order to proceed with the assessment and closure of OU-4.

To accomplish the first objective it is our current intention to divert ITS water from the pond as rapidly as practicable by temporarily separating the linkage between the modular tanks and the Building 910 evaporators, placing the modular tanks into full operation, and using the Building 374 evaporator to treat the ITS water. This assumes, of course, that the amendment to IM/IRA we are concurrently discussing with you is approved. DOE will not, therefore, need the Building 910 evaporators to be operational to support the initial ITS diversion. Over the intermediate term we plan to use Building 374 as a major element in the treatment of ITS water, as long as total plant requirements allow sufficient capacity in Building 374.

The schedule for diverting the Interceptor Trench Water to the surge tanks can be compressed if we modify the modular tank design to delete the .020" ultraviolet protection internal liners. We must remove these liners to repair leaks in all 3 tanks. According to the material manufacturer, the underlying .080" liners are warranted for a 20 year life without any uv protective liner. By not replacing the .020 liners, we will save nine days of time from the critical path. Furthermore, this will improve our ability in the future to conclusively determine the integrity of the primary .080" liners. When present, the .020" liners act as a bladder, which can mask defects in the underlying .080" liners. We strongly recommend that you support our position in this matter and support this modification to the IM/IRA. We are eager to discuss this matter further with you.

The second IM/IRA objective involves the removal of "excess water" from the ponds. Excess water is the amount of water in excess of that which is needed to suppress airborne suspension of sludge (approximately 2 inches) and to allow for pond sludges to be transferred efficiently into the cementation treatment unit (when that unit becomes operational). Currently, pond 207 C has no excess water since its contents are saturated brine and crystalline salts (which will require the addition of water for effective pumping and cementation). Precipitation additions to the C pond are balanced by evaporative losses. The 207 B series ponds currently contain roughly 230,000 gallons of sludge and 1.7 million gallons of water. After the contents are consolidated into one pond, which is our current intention, about 1.4 million gallons of this water will be considered excess.

Water is currently added to the B ponds from the Interceptor Trench System and from precipitation into the A and B ponds; which is then consolidated into pond B north. We have been pumping this water from the A and B ponds to the Building 374 evaporator for a number of years. We plan to divert the ITS water from the B ponds in April, following which we would remove all "excess water" and accumulated precipitation from the ponds by the end of February 1994. This water will be removed by transfer through existing pipeage from the ponds to the Building 374 evaporator. The Building 910 evaporator will be used primarily to process ITS water and will process pond water only as a contingency. Because precipitation will result in addition of water to the ponds, the consolidation and removal of additional excess water to pond B south will be a continuing intermittent task until the final OU-4 remedy is implemented. My staff will be happy to discuss excess water management with you further.

In response to your request for technical justification for the dates in Attachment 2, a number of factors have contributed to the schedule: technical difficulties with the Building 910 generators, the application of appropriately tailored disciplined operations to the entire system, leaks in all three of the modular tanks which must be repaired, and the anticipated effects of freezing weather on tank repair and startup operations, both of which involve water. I believe it would be best for my staff to meet with yours to further explain the revised schedule and answer your questions interactively.

With regard to your concern that we have not reported on the IM/IRA activity in sufficient detail in the Environmental Restoration Program Monthly Report, we agree that better communication on the Solar Ponds Remediation Program is needed. In the past we have included only summary information concerning the IM/IRA, because the report focussed primarily in IAG activities. Despite the lack of formal connection to the IAG, we agree that as a matter of administrative efficiency, it would be better to report in detail on the entire Solar Ponds Remediation Program in the Environmental Restoration Program Monthly Report, and we will do so in the future.

DOE appreciates the time your staff has spent discussing the restructuring of the Solar Ponds Program with Rocky Flats personnel. We expect to provide additional information as it becomes available. If you would like to discuss this or any Solar Ponds issues, please contact Frazer Lockhart on 966-7846

Attachments (3)

Attachment 1

MILESTONE SCHEDULE INTERIM MEASURE/INTERIM REMEDIAL ACTION SOLAR EVAPORATION PONDS OPERABLE UNIT NO. 4

	Original Date	Revised Date	<u>Status</u>
Begin Construction of Treatment and Storage System	March 1,1992	April 6, 1992	Completed
Complete Construction of Treatment and Storage System	June 1, 1992	July 7, 1993	In Progress
Conduct Trial Run of Treatment System	June 8, 1992	June 28, 1993	Pending
Begin Full-Scale Operations	June 15, 1992	Sept. 9, 1993	Pending

Attachment 2

Solar Ponds IM/IRA Revised Schedule

	<u>Date</u>
Complete Building 910 Construction	July 7, 1993
Complete Cold Tests With Plant Raw Water	May 10, 1993
Complete Hot Test with ITS Water	June 28, 1993
Building 910 Evaporators Fully Operational	Sept. 9, 1993
Interceptor Trench Water Diverted to Surge Tanks	April 16, 1993
Excess Liquids Removed From Ponds	Feb. 1994

Attachment 3

Assumptions Accompanying Schedule Commitments

- 1. Product water acceptance testing will demonstrate that the Building 910 evaporative system and support equipment will function as described in the IM/IRA to produce distillate which meets commercial water standards and is reusable in the plant raw water system.
- 2. The ITS water diversion schedule assumes that EPA/CDH will approve DOE's request to amend the IM/IRA Decision Document as has been discussed in separate communications to allow use of the modular tanks before the startup of the Building 910 evaporators.
- 3. The B910 schedule assumes EPA/CDH approval of compensatory measures (primarily visual inspections) for the pipeline from B910 to B374. This pipeline passes through several concrete and/or masonry walls in Buildings 774, 776 and 778 where it does not have secondary containment.
- 4. Building 910 startup can occur on the basis of test results obtained in accordance with the Contract Lab Protocol (CLP) without waiting for validation and reporting of sample data (validation and reporting adds 4 weeks).
- 5. In the near term the Building 910 evaporators will not be used to process pond water. Before Building 910 is used to process pond water, it will require requalification of the evaporation process and procedures, along with possible modifications to the building operations (e.g. designating it as a Radiation Contamination Area). These activities are not inluded in the schedule presented.
- 6. The schedule does not include any final review by the Defense Nuclear Facilities Safety Board. It is our intention to brief the board on our approach to determining the readiness of this low hazard, non-nuclear facility, and it is out assumption that the board will agree with our approach an on-site review.
- 7. The estimated date for removal of excess pond water is based on average precipitation over a five year period. Since precipitation affects the amount of ITS water which Building 374 must treat, precipitation substantially in excess of the five year average will reduce the capacity of Building 374 to remove pondwater and will extend the target date.

ACTIVITY DESCRIPTION	OR IG	101L FI T 0FSp	EARLY	EARLY	5.5 EPP1
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PREPARE BCP	~		S. 124.02	COUNTY SC	•
BCP APPROVAL	-	ļ	27.JAN93	27,10M93	
WRITE FD TO MODIFY CAPS FOR VALVES	7	0 ENG	28.JAN93	29.JAN93	
HOT CAP INSTALLATION FD	က	O ENG	1FB93	3FFB93	_
FILTER DRAIN DESIGN	5	0 E&T	3FEB93	QFFB03	. =
TANK D-50 SIPHON DESIGN	2	0 E&T	SFEB93	19FFR93	
TANK D-50 SIPHON FD APPROVALS	e	5	16FBP3	18FF893	
TANK D-50 SIPHON INCP APPROVAL	2	5	19FFR93	2GFFR93	. =
TANK D-50 SIPHON MATERIAL	9	ਨ 0	SEFER 3	11MAR93	, [
DELIVER TANK D-50 SIPHON MATERIAL	5	0 CH	12MAR93	1844893	
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START COLD SO TESTING	0	0 ER	SAPRA3		. \$
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COOLING TOWER OPERABILITY TESTING	9	1 .	6APR93	14APR93	. 0
VC OPERABILITY TESTING	9	0 ER	15APR93	224PR93	
HEMS OPERABILITY TESTING	9	0 ER	234PR93	3040893	
RAW H20 OPERABILITY TESTING	2	0 ER	340793	4MAY93	
RUN INTEGRATED TEST	9	0 ER	5MAY93	12MRY93	. •
COMPLETE COLD SO TEST	0	0 ER		1249793	•
WALIDATE CHECKLISTS	+	0 EWRS	13MAY93	18MAY93	
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REVIEW & APPROVAL BY EGAG MANAGEMENT	-	ospes 0	271401793	27MaY93	
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21110010	EMPTY TEMPORARY MODULAR TANKS	+	35	23MAR93	26MAR93] =
21110015	APPROVAL - TEMP MODULAR TANKS READY	3	3 6	SOMMAN	25940893	
21110017	DEMOLITION OF EXISTING MECHANICAL - E.T. LAFORE	1	35	2944943	2949893	, —
21110018	INSTALL PRIMARY & TEST - ET LAFORE	1	35	30140893	3040893	
21110019	REVIRE PUMS - ET LAFORE	-	35	31 MAR93	31MAR93	-
21110020	FILL MODULAR TANKS	9	35	1,400,43	15APR93	
						EVAPORATORS
12110005	DETERMINE ACTIVITIES NEEDING BCP	-	FP	11 JAW93A	11JAN93A	_
12110010	WRITE P.R. TO GET LICON TO RFP	-	SdH	11 JOHN 30	11JAW93A	
12110020	APPROVE P.R. TO GET LICON TO RFP	-	SdN.	11 JAN93A	11 JAN93A	
12110073	HRITE NPFD TO INCP FOR THERMOCOUPLE NORK - LICON	۲	5	11 JAH 939	11JAW93A	
12110074	APPROVE MPFD TO INCP FOR THERMOCOUPLE WORK-LICON	-	3	ASPINAC 11	11.JAW9.3A	
12110030	PROCURE LICON SERVICES	•	PROC	13JAN93A	13.JAN93A	
12110330	FIELD DIRECTIVE BRINE SYSTEM CONTROL PANEL	2	ENG	13JAN93A	14JAN93A	
12110015	WRITE P.R. TO GET WAGNER TO RFP		SdN	15JAN93A	15JAN93A	_
12110025	APPROVE P.R. 10 GET WIGNER 10 RFP	1	SdM	15.JAN939	15JAN93A	- Company
12110035	PROCURE WAGNER SERVICES	+	PROC	15JAN939	15JAN93A	
12110340	BRINE SYSTEM CONTROL PANEL INCP	(C)	5	18JAN93A	18JAW93A	
12110095	INSTALL FLOW METER ON ENGINE 3 -LICON	-	₹ S	19.JPN939	19.IAM93A	
12110040	INSTALL AMOT VALVE - LICON	-	HP5	20JAM939	20JAN93A	
12110075	CLEAN/REPLACE THERMOCOUPLE ENDS - LICON	5	46 MPS	20.JAW93A	21.JAW93	
12110050	HYDRO TEST ANDT VALVE INSTALLATION - LICON	1	31 MPS	21 JAN 938	21JA#93	-
121 10004	RESOLVE MEED FOR HEAT TRACE ON GENERATORS	S	128 SPRP	21 JAN93	27JAN93	
12110006	CENTRAL PLANNING INPUT TO BCP	٨	0 CP	21 JAN93	22JAN93	
12150100	OC TEST OF EVAPORATOR COOLING TOWER #2 - LICON	_	70 HPS	22.JAN93	22JA#93	
12110007	PREPARE BOP	2	O FPM	25.164193	26JAN93	
12120060	FILL ENGINE #2 COOLANT & PURGE AIR - NAGNER		Sd# 89	26.191193	26JAN93	
12110009	ECP APPROVAL	-	g) 0	27.JAN93	27,IAN93	
12120070	RUN ENGINE 2 UNDER LOAD BANK - MAGNER	-	l	27.JAN93	27.JAN93	
12110200	INSTALL HEAT TRACE ON GENERATORS - LICON	12	27 CH	28.17443	18FB93	
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EARLY START	28.JAN93	28JAN93	28.19193	28JAN93	29,14493	1FEB93	1FEB93	1FEB93	2FEB93	2FEB43	3FEB93	3FEB93	3FEB43	3FEB93	3FEB93	4FEB93	4FEB93	4FEB93	4FEB93	4FEB93	4FEB93	556893	SFEB93	5,6893	SFEB93	8FEB93	BFEB43	9FEB93	10FEB93	10FEB43	11FEB93	11FEB43	FLATS ATION PROJE ATORS SCHED
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TEST ALL HEAT TRACE ON GENERATORS - LICON	G	% %	15FEB43	17FFR93	
FILTER DRAIN PROCURE MATERIAL	3	1	15FB93	17FEB93	
TANK D-50 SIPHON FD APPROVALS	3	₽5 O	16FEB93	18FEB93	-
INSTALL INSULATION ON GENERATORS - JONES	15	90 CH	18FEB93	1049893	
FILTER DRAIN DELIVERY	10	16 CM	18FEB43	344493	
TANK D-50 SIPHON INCP APPROVAL	5	0 CH	14FB93	25FEB93	
INSTALL CHECKERED PLATE IN GENERATORS - JONES	9	100 CK	22/1893	1140893	
TANK D-50 SIPHON NATERIAL	10	¥3 0	26FEB93	11149893	
DELIVER SAMPLING VALVES	С	10 CH	3MAR43	SMAR93	-
FILTER DRAIN INSTALLATION	5	16 CM	4MRP93	1040893	
INSTALL BRINE SAMPLE VALVE PER NEMS UNIT	5	10 CM	BMDR43	12MAR93	
PAINT & 1D PIPING ON CENERATORS - JONES	С	H) 06	111111111111	15MRR3	
DELIVER TANK D-50 SIPHON MATERIAL	5	0 CM	12HPP93	18MAR93	
MALIADOWN FOR BENEFICIAL OCCUPANCY	1	45 CH	16MAR93	16MAR93	
PERFURM BENEFICIAL ACTIVITIES	ť	₽	17M9R93	1944893	-
INSTALL TANK D-50 SIPHON	10	O	19MAR93	19PR3	
BENEFICIAL OCCUPANCY - SO TESTING	-	H) 0	2017893	24PR43	
HOT CAP DELIVERY - JONES	ന	H2 +9	12APR93	149PR93	-
MATL DEL - LEAK DETECTION SYS NUMBERING - JONES	၉	63 CM	13047893	15APR93	
HOT CAP INSTALLATION - JONES	2	H2 +9	15APR93	210PR43	
CONSTR - LEAK DETECTION SEQ NUMBERING - JONES	ß	63 €	16APR93	224PR93	
COMPLETE CAULKING ON PIPE PENETRATIONS - JONES	~	3	ЭМИТОЗ	4MAY93	
FINAL BENEFICIAL DOCUPANCY	+	14 CM	2JUL93	230143	
PROJECT ACCEPTANCE & TRANSFER	+	14 CM	દાગાય	4JUL43	
,					PRODUCT WATER SYSTEM
INSTALL ORIFICE PLATES	3	5	11 JAN93A	11.JAN93A	
NOTIFICATION FOR RAW WATER SYSTEM SHUTDOWN	•	ਲ	15 JAN 93A	15JAM93A	
NOTIFY STP OF WATER TRANSFER	-	5	15JAN93A	15JAN93A	
RAW WATER SYSTEM SHUTDOWN	5	æ	18JAN93A	18JAN93A	
DRAIN RAW WATER SYSTEM	9	ਣ	18.JAN93h	18JAN93A	
VERIFY ACCEPTABILITY OF PRODUCT H20 INTO RAW SY	59	77 PS	18JPM939	8APR93	
RESOLVE EXCESS PUMP CURRENT DRAN	2	130 E&I	19JAW93A	25JAN93	
With the first to the part of	SE 185	EG&G ROCKY FLATS SOLAR PONDS REHEDIATION PROJECT		103	Bart 3 of 15 Rote Revision Orcited (Spyrored
(C.) Primorers Systems, Inc.	BUILUI	BUILDING 410 EVAPURATURS	AIUKS SCHEDULE	W.E	

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	ACTIVITY	1				7
ACTIVITY ID	DESCRIPTION	DER C	IUIL FLT RESP	EARLY START	FINISH	
2000						PRODUCT WATER SYSTEM
12310130	INSTALL 6' VALVE - JONES	2	5	19JAN93A	20.IAN93A	
12310150	NOTIFY PLANT SERVICES TO OPEN RAW H20 SUPPLY VLV	-	8	SOJANGE	20.IAN93A	
12310051	INVESTIGATE PRODUCT WATER LINE	S	ਣ &	21.10893	SZ.IGN93	
12310140	HYDROSIATIC TESTING OF 6" YALVE	م	ļ	24 IDNG3	20 IDNO2	·
12310160	NOTIFY PS OF INTRODUCING PRODUCT H20 INTO RAW SY	-	ı	S IONOS	OC IAMOD	
12310010	MODIFY TANKS FOR SONIC PROBES - DESIGN	-	1	SC TOWOL	CONTRICT	_ =
12310052	REVIEW DAT FROM INVESTIGATION	-	1	COUNT OF	d CD13	-
12310020	MODIFY TANKS FOR SONIC PROBES - FD APPROVAL	-	1	SCEDO	CONHIETS	
12310030			1	20030	SECTION SECTION	
12310033	PROCURE MATERIAL FOR TANK MODIFICATION	٠,	1	2100	SED43	
12310055	REPLACE 2150 PROD WATER LINE - CONCEPTUAL DESIGN	ی ا		STO TO	id to 13	3 C
12310034	-	5	1	15FTB07	DVADO	
12310060	REPLACE 2150 PROD. HATER LINES - DESIGN	8	1	1655000	COUNTRY)[
12310040	MODIFY TANKS FOR SONIC PROBES - CONSTRUCTION	ي	1	COOVER	במשמים] -
12310045	COMPLETE REMAINING CC TEST ITEMS FOR DISTALLATE	2	1	16MOD02	COUNTY I	
12320010	CC TEST PRODUCT WATER SYSTEM	^	1	1	COUNTY	•
12310065	ISSUE EXPEDITED START 2150 PROD H20 LINES-JONES	-	1		DANATO C	_
12310070	REPLACE 2150 PROD MATER LINES - RESOLVE CONTRACT	88	1	1	COODOO	_ [
12310072	O LINE	m	Į	1	COVOYO]
12310080	REPLACE 2150 CONDENSATE LINES - CONSTRUCTION	ş	1	SHOY93	1 11 03	
			1	2		Step evereu
12420005	CHELATING AGENT PARAMETER DEVELOPMENT	-	Ę,	11 JOHON	T	
12420010	PR TO CHEM TREAT - PR APPROVAL		34 MDS	1	HE THE SHAPE	
12430010	WRITE FD FOR JONES TO MOD PIPING	~	1	4FFR93	TEROS.	7 ***
12420030	HRITE VENDOR EDTA TEST PLAN - CHEM TREAT	٠.	34 MDS		SEEDON .	_ =
12420050	CENERATE PRELIM EDTA INJ RATE GRAPH - CHEMTREAT		i	1	1355800	
12430020	REVISE INCP FOR HOT TIE-IN	~	1	1	מבנוסט) a
12430030	APPROVE INCP FOR HOT TIE-IN	~	ı		1155900	
12420040	RECEIVE VENDOR TEST PLAN & REVIEW	5		ſ	1055000	
12410010	REQUEST HINDS ANALYSES	_	1	1	2007	3 5
12410015	CONDUCT HING ANALYSES - PLANT LAB	1 =	1	1	CATEBYS	_ C
12410020	ARCANGE TRANSPORTATION FOR HIGG	9	ł	-	1246893] =
Plot bate 22.164(2)	Mirit Wederf bee But		7000			12 4 4 15
Tolect Finish Zuurg		SOLAR PR	EUSEG KULRI FLAIS INDS REMERIATION	SOLAR PANDS REMENIATION PORTECT		Pale Revision General Recovery
(c) frinavers Systems, Inc.		UILDING	910 EYAPORA	BUILDING 910 EVAPORATORS SCHEDULE	بى	

PENCIFICIAL NO. Control of the property of	, 100		v						- · · · · ·												<u> </u>								-			•			rayed.
DETAIL STATE DURING TOTAL RESPANSE THE	1993 APR 1981 JUL 6466 SEP									П						0			-	•				-							-	-		0	Er 18
DUR		FEE	82	13	쯆	-	 52	- HE	8	33	13	23	13	13	23	23	33	23	43	33	82	8	82	St St	8	S S	8	8	8	8	52	8	82	පු	
NOTION TE-IN FOR ITS LINE TE-IN FOR ITS LINE TE-IN FOR ITS LINE TENER INSPECTION RETERMINATION TANK LEAK SYSTEM OR TANKER MODIFICATION WHER MODIFICATION RETERMINATION TANK LEAK SYSTEM OR TANKER MODIFICATION WHER MODIFICATION RESOURCE ON TANK RESOURCE CONTRACT FIX DELIVER MATERIAL RESOLVE CONTRACT RESOLVE CONTRACT FIX DELIVER MATERIAL RESOLVE CONTRACT FOR TANKER MODIFICATION RESOLVE CONTRACT RESOLVE CONTRACT RESOLVE CONTRACT FOR TANKER MODIFICATION RESOLVE CONTRACT RESOLVE CONTRACT RESOLVE CONTRACT RESOLVE CONTRACT RESOLVE CONTRACT RESOLVE MODIFICATION RESOURCE MODIFICATION RESOLVE MODIFICATION RESOURCE MODIFICATION RESOURCE MODIFICATION RESOURCE MODIFICATION RESOLVE MODIFICATION RESOLVE MODIFICATION RESOLVE MODIFICATION RESOLVE MODIFICATION RESOURCE MODIFICATION RESOURCE MODIFICATION RESOLVE MODIFICATION RESOURCE MODIFICATION RESOLVE MODIFICATION	EARL FINIS		13407	4JUN		15.1PK	¥	18.1PK	₹ 50 50 50 50 50 50 50 50 50 50 50 50 50	10FEB	29JAN	26JPW	26.JAW	16FEB	10FEB	SFEB	æ.	10FEB	11FEB	13.66	1 IMAR	뚫	1758	17FEB	18FEB	23-EB	1789	19FEB	£	12/20	128.0	13/4	22APR	24M9R	1
DEPENDENCE OF SAFETY SHOWER I TANKER INSPECTION RETERMINATION TANK LEAK SYSTEM OR TANKER MODIFICATION WERR HODIFICATION WERR HODIFICATION WERR HODIFICATION RESPONSE SYSTEM OR TANKER MODIFICATION RESPONSE RESPO	EARLY Start		1344793	4JUN93		14 JAN93A	14JAN93A	18JAN93A	19.JPM93A	21 JAN93	25JAN93	25.JPN93	25.144193	27.JPN93	29.141193	1FEB43	8FEB 93	8FEB93	9FEB93	11FEB93	11FEB93	11FEB93	15FEB93	15FEB93	17FEB93	17FEB93	18FEB93	19FEB93	24FEB93	4MAR93	10MAR93	15MAR93	18MAR93	18WAR93	FLATS
NATIONALLATION SHEDEN SAFETY SHOWER DE FOR SAFETY SHOWER DE FOR SAFETY SHOWER STANKER INSPECTION SERVICE NDICATING FINDINGS FOR SAFETY SHUR RESTORMINATION TANK LEAK SYSTEM ON TANKER MODIFICATION WERE MODIFICATION A CONICAL TANK LEAK FIX - PREP INCP RESOLVE CONTRACT RESOLVE HATERIAL RESOLVER HATERIAL RESOLVE CONTRACT RESOLVE CONTRACT RESOLVE CONTRACT RESOLVE CONTRACT RESOLVE CONTRACT RESOLVE CONTRACT RESOLVE HATERIAL RE	RESP		85	ਝ		H.S	₹ S	PROC	HRS	SPRP				ENG	E&T		ļ		G	1	- 1		- 1	- 1			- 1	- 1	- 1	- 1	1				G ROCKY
BANK TE-IN FOR ITS LINE D FOR SAFETY SHOWER D FOR SAFETY SHOWER TANKER INSPECTION R INSTECTION SERVICE NDICATING FINDINGS FOR SAFETY SHAR R INSTALLATION D FOR SAFETY SHORE TANKER INSPECTION R INSTALLATION	101 F.T		15	0					5	118	43	22	48	48	65	43	8	82	107	59	₹	8	=	8	28	48	25	8	\$	8	8	94	65	\$	83
D FOR SAFETY SHOWER D FOR SAFETY SHOWER I TANKER INSPECTION R INSPECTION SERVICE NOTCATING FINDINGS FOR SAFETY R ALL-WEATHER LOADING ISSUES ETERNIMATION TANK LEAK SYSTEM OR TANKER MODIFICATION NESSION RESPONSE HATERIAL R PRECHRE INCP R EXPEDITED START R EXPEDITED START R RESOLVE CONTRACT FIX DELIVER MATERIAL R PRECHRE INCP R PRECHRE MATERIAL R PRIERIAL R PR	OR 1G Dur		-	-		~	'n	15	~	15	25	2	2	15	٠	5	-	c	c	م	ಸ	15	6	٠.	~	2	ଛ		2	9	က	en	SS	2	į
- TELL TALAH TELBI T	VITY [PTION		TA TO TANK	M HOT TIE-IN FOR ITS LINE		INE NEED FOR SAFETY SHOWER	R BRINE TANKER INSPECTION	E TANKER INSPECTION SERVICE		E TANKER ALL-MEATHER LUADING ISSUES	BACON DETERMINATION TANK LEAK	I BRINE SYSTEM	E NOF FOR TANKER MODIFICATION	FOR THIKER HODIFICATION	SHOWER DESIGN	IL TANK LEAK FIX - DESIGN	IL TANK LEAK FIX – FD APPROVAL	MATERIAL CONICAL TANK	IL TANK LEAK FIX - PREP INCP	SHOWER EXPEDITED START	' SHOWER RESOLVE CONTRACT	IL TANK FIX DELIVER MATERIAL	SHOWER PREPARE INCP	CSHOWER PROCURE MATERIAL	RE IMCP FOR TANKER MODIFICATION	re tanker imterial	I SHOWER DELIVER MATERIAL	RE INCP FOR TANKER MODIFICATION	r tanker material	AL TANK LEAK FIX - CONSTRUCTION	TE MORK FOR TANKER MODIFICATION	INSPECTION	r shower installation	ye tanker for use	Marrie Be-Cart bins 200 Olivai delater Orivai delat
	ACTIVITY ID		12420020	12430040		12510050	12530010	12530015	12510060	12540010	12510159	12520010	12532010	12532020	12510070	12510160	12510170	12510183	12510180	12510080	12510090	12510184	125100%	12510100	12532030	12532042	12510110	12532040	12532045	12510190	12532050	12530020	12510120	12530030	Plot bate 2218493 bate bate 2218493 Project Start 100792

1993 1997 1997 1997 1997 1997 1997 1997	_		1531 05			0															_		•				◆		CALIBRATION				Bart 6 of 15 Eft 18 - 21/Johr/13 Balt Revision Checkel ferrored	
EARLY	26HAR93	27APR93		25,19493	1FEB93	8FE893	10FEB93	194AR93	26MAR93	SAPRA3	649893		5APR93	130PR93	84473	14APR93	14APR93	22APR93	304PR43	4M0Y93	SMRY93	12MAY93	12MAY93	17JUK93	17JUN93	17,JUN93	17JUN93	24JUNG3		210EC92A	210EC92A	210EC92A	CI VIE	
EARLY START	25MAR93	234PR93		11 JAN938	28.JPN93	2FEB93	qFEB93	22FEB43	22MAP43	29MAR93	5,470,43	SAPRA3	5,400,03	5049893	5APR93	64PR93	6APR93	15APR43	23APR93	3MAY 93	5MAY 93	SMMY93		2,JUN93	١.	7.JUN93		18JUN93		150EC42A	150EC42A	180EC42A	EGAG ROCKY FLATS SOLAR PONDS REMEDIATION PROJECT BUILDING 910 EVAPORATORS SCHEDULE	
T. RESP	48 LVTO	65 LYTO		37 E&T	37 E&T	37 ELT	37 LKT0	31 E&T	31 E&T	31 E&T	31 E8T	0 ER	0 E&T	15 1470		74 L¥10	O ER	0 ER	0 ER	O ER	5 TELEC	0 ER	0 53	0 ER	O ER	O ANLAB	0 ER	24 LVTO		EŅĠ	ENG	EXC	EGRG ROCKY FLATS JNDS REMEDIATION 910 EVAPORATORS	
ORIG TOTL DUR FLT	٦	60		10	5	5			гъ	2		0	-	9	+	9	9	9	Q	2	-	9	0	6	ф	ь	0	2		5	2	~	SOLAR POR BUILDING	
ACTIVITY DESCRIPTION	CC TEST BRINE TANKER	TEST SAFETY SHOKER		REV 1 SO TEST PROCEDURES	SUBMIT REV 1 PROCEDURES FOR REVIEW	INCORPORATE RVK COMENTS ON SO TEST	FINAL APPROVAL OF REV 1 SO TEST PROCEDURE	HATTE HOT SO TEST PROCEDURES	REVIEW HOT SO TEST PROCEDURE	INCORPORATE REVIEW COMMENTS INTO HOT SO TEST	FINAL APPROVAL OF HOT SO TEST PROCEED	START COLD SO TESTING	COMPRESSED AIR TEST	DISTILLATE OPERABILITY TESTING	BRINE OPERABILITY TESTING	GENERATOR OPERABILITY TEST	COOLING TOWER OPERABILITY TESTING	VC OPERABILITY TESTING	MEMS OPERSBILITY TESTING	RAN H20 OPERABILITY TESTING	LSDN TESTING	AUN INTEGRATED TEST	COMPLETE COLD SO TEST	RAIN PROCESS QUALIFICATION TEST	VERFIFICATION OF EDTA RATE CURVE	LAB SUPPORT FOR EDTA RATE CURVE	PROCESS QUALIFICATION TEST COMPLETE - 18910 EVAP	OPERATE SYSTEM TO QUALIFY OPERATORS		DEVELOP CALIBRATION LIST	DEVELOP PERIODIC SCHED FOR RECAL OF INSTRUMENTS	DEVELOP CALIBRATION CERTIFICATION LIST	Stirit markety base 200	
ACTIVITY ID DES	12531010 CC	12510130 TES		12610010 REV	12610020 SUB	12610025 INC	12610030 FIM	12620010 HRI	12620020 REV		12620040 FIN	12630000 STA	12630030 COM	12630080 015	12630090 BRI	12630010 GEN	12630040 0301	12630060 VC (12630070 HEN	12630020 RAY	12630050 LSD	12630100 RUN	12630110 COM	12640010 RUN	ļ	- 1	12640020 PRDC	12650010 OPER		12700010 DEVE	12700150 DEVE	12700020 DEVE	Plot bate 22.34(3) Bota bate 21.34(3) Project Flaten 21.81(3) (C) Prisovera Systems, Inc.	

	ACTUAL					
ACTIVITY ID	RATIVITY DESCRIPTION		TOTL FIT OFFED	EARLY	EARLY	£bb]
			1	Y I	FINI C	JAN FEB MAR HAR HAY JUN JUL AUG SEP 1007
12700030	INITIATE HOF FOR CALIBRATION OF INSTRUMENTS	5	0701 02	7		ביון זמנון זמנ
12700031	SECURE OPS NOR PRIORITY FOR CALIBRATION OF INSTR	-		3	HEBGS	
12700032		- -	-1	9 EB 2	#EB43	!
12700040	PREPARE THEP PACKAGE FOR CALIBOATION	۸ ،		4-1393	15FEB93	
12700050	REVADDRIVAL OF UD FOR CALIDATION OF THETRUSHED	، م	- 1	16FEB93	22FEB43	
12700060	CALIBOATE & CENTEY TOWN TRANSMITTED	5	- 1	235 EB93	1110003	
12700070	DEWINE I I'M INSTANTANTE FOR AN INC.	S	- 1	286893	BMARA3	
13700120	THE PROPERTY OF THE PROPERTY OF THE PERSON O	-	61 MAINT	244893	2MAR 93	
יבימטוק	METUVE PRESSURE SKITCH & FLOW NETERS	~	59 MAINT	240893	340893	
09000/21	CERTIFY & STANDARDIZE CONDUCTIVITY & TEMP SENSOR	3	62 METR	SHAPPQS	5940893	470
12/00090	CERTIFY & STANDARDIZE LIQUID DENSITY PROBES		64 NETR	SMORes	COOD	
12700100	CERTIFY & CALIBRATE FLOW INDICATORS	-	i	CODONC	OWADO	
12700130	CERTIFY & CALIBRATE PRESSURE SA'S & FLOK METERS	ی ا	ļ	COUNTY	CHINAS	-
12700110	REINSTALL CALIBRATED LICON INSTRUMENTS	-	1	SPHE STATE	10MR43	
12700140	REPLACE ECAG PRESS SW & FLOW MFIFERS OFTED CAN	- -	- 1	Parket?	4	
		-	NIGH L	111111111111111111111111111111111111111	1180893	
12800010	WITIBLE OLD OPTIVITIONS					SYSTEM OPERATIONAL
	WILLIAM TO UTENHIUMAL	٥	0		29,001,93	•
						HEATING SYSTEM
13300001	SECURE OPS MANAGER PRIORITY FOR PRESSURE RELIEF	-	12,120	18,034930	18 follogon	
3300005	PERFORM ENGINEERING SCREEN/ENG PRESSURE RELIEF	_	FPT	1	ACOUNT OF	
1330003	PREPARE INCP PACKAGE FOR PRESSURE RELIEF			1	CWHITSH	
13300010	PROCURE PRESSURE DEL TEE VOLVE	، ا		<u>-</u>	22.18.93 23.18.93	
1330004	DEVICE AND DANKAST FOR	5	286	21,191193	27.JAN93	Ο.
1000000	NET THE STATE THE PHENCHE FUR PRESSURE RELIEF	-	57 LYTO	25.IAH93	25.IAM73	
Panace	UPLIYER PAPSSINE RELIEF VALVE	8	30 PR0C	28JAW93	4.JIJN93	
Okonose	ECUME UPS MEMORER PRIORITY FOR MOTOR BEARINGS	-	57 LYTO	2FEB93	XFR93	
13300041	PERFURIN ENGINEERING SCREEN/ENG MOTOR BEARING	_	57 ERT	SFFROM	35,000	
13300042	PREPARE INCP PACKAGE FOR MOTOR BEARINGS	م	MA1 25	4FER02	2003	
13300044	PROCURE BEARINGS	ی	1		CLO2 C	- C
13300043	REVIEW & APPROVE INCP PACKAGE FOR MOTOR REARINGS	-	LITE	1	urtbg	 -
13300070	SECURE OPS MANAGER PRIORITY FOR STOAT GLOSS	- 			#F6%3	
13300071	PERFORM FINCINFEDING SCHOOL CLOSE TO SECOND STATES	<u> </u>		1	9FEB93	
13300050	DELIVERY OF DEADTHER TO ASSESSED.	-	57 E&;	10FEB93 1	10FEB93	
1330002	PACETICAL OF DEFINITION FOR CONDENSATE RETURN MOTOR	2	105 PR0C 1	11FEB93 1	17FEB93	
J. Company		~	S7 LWTO 1	11FEB93 1	13FEB93	
Date hate 27 Jan 13	School of Services Office of Ser	1	FCOC DACKY ELATE	ATC		Beet 7 of 15
Project finish 2009		20 00 00	SOUR POUNT PLANTS	TON DOOR IT		57 25 / 25 / 25 / 25 / 25 / 25 / 25 / 25
(C) Prinavers Systems, Inc.	In.	BUTLDING	BUILDING 910 EVAPORATORS SCHEDULF	IUM PRUJECT ORS SCHEDUL	· LL	
				mo dentro	4	

FINISH JAW FEB MAR APR MAY JUN JUL AUG SEP DCT	HEATING SYSTEM	B43	843	Bq3	i		İ	<u> </u>	1				1	- Cat	-				-			<u> </u>		0			BUILDING FOUNDATION SUMP	一						Sent auf 13 Rafe Bevision Checkel Reproved
i		B93 17FEB93	B93 15FEB93	B93 22FEB93				-	1			PG 31MAR93	193 29MAR93	293 30MAR93		1		``		``	l		ന		CPNULP CP			93 26JAN93		43 29JAW93	1	93 1FEB93	93 24FEB93	PRO JECT SCHEDULE
EPRLY START		1115893	15FEB93	T 18FEB93	18FEB93		١.		22MAR93	2344893	25MR93	25MAR93	2944493	30MR93	31 MAR93	19893	100993	1APR93	5APR43	BAPR93	23APR93	28APR93	30APR93	344793	SPNUL?	10.UNI93		26,104193	27 JAN 93	28.14493	28.14143	1FEB93	4FEB93	FLATS IATION P
T. T. RESP		95 PROC	57 LYTO	105 MAINT	95 PROC	105 LYTO	45 MAINT	1	ı		57 LWT0	60 PROC	S7 LVTD	57 LWT0	57 E&T	57 PR0C	74 LYTO	60 PROC		57 PROC	THIMT 09	OT N.T.O	57 MAINT	57 LWT0	30 MAINT	OLWID		S7 LVTD	57 E&T	57 LWT0	1	S? LYTO	B9 PROC	EGRG ROCKY FLATS SOLAR PONDS REHEDIATION PROJECT BUILDING 910 EVAPORATORS SCHEDULE
ORIG TOTL DUR FLT		2	-	9	10	5 1	3			2	2	2	_	-	1	S	, 2	15		15	3	5	-	5	e.	2		-	-	3 2			15	ESOLAR PON
		GLASS ON CONDENSATE TANK	PACKAGE FUR STGHT GLASS		DENSATE TANK				SECURE OPS HANAGER PRIORITY FOR HOT WATER HEATER	PERFORM ENCINEERING SCREEN/ENG HOT WATER HEATER	R HOT WATER HEATER	T WATER HEATER	KAGE FOR HOT WATER HEATER	SECURE OPS MOR PRIORITY FOR PIPE HANGER REPAIR	PERFORM ENGINEER SCREEN/ENG PIPE HANGER REPAIR	PE HANGER REPAIR	R PIPE HANGER REPAIR	~	REVIEW/APPROVE INCP PACKAGE - PIPE HANGER REPAIR	PE HANGER REPAIR	o _e	ER			WIVE			RITY FOR FOUNDATION SUMP	EDIZENG FOUNDATION SUMP	REDUKDATION SUMP	MOATION SUMP	REVIEW/APPROVE INCP PACKAGE FOR FOUNDATION SUMP	INDATION SUMP	Def
ACTIVITY DESCRIPTION		PROCURE MTRL FOR STGHT GLASS ON CONDENSATE	REVIEW & APPROVE INCP PACKAGE FOR SIGHT GLASS	INSTALL BEARINGS	DELIVER SIGHT GLASS/CONDENSATE TOWN	CLOSEOUT NOTOR BEARINGS	INSTALL NEW STONT CLASS	CLOSEOUT STGHT CLASS	SECURE OPS MANAGER PRIO	PERFORM ENGINEERING SOR	PREPARE INCP PACKAGE FOR HOT MATER HEATER	PROCURE MATERIAL FOR HOT WATER HEATER	REVIEW/APPROVE INCP PACKAGE FOR HOT MATER HI	SECURE OPS MOR PRIORITY	PERFORM ENGINEER SOREEN.	PROCURE MATERIAL FOR PIPE HANGER REPAIR	PREPARE INCP PACKAGE FUR PIPE HANGER REPAIR	DELIVER HOT INTER HEATER	REVIEW/APPROVE IMCP PAC	DELIVER MATERIAL FOR PIPE HANGER REPAIR	INSTALL HOT WATER HEATER	CLOSEOUT HOT WATER HEATER	INSTALL PIPE HANGER	CLOSEOUT PIPE HANGER	INSTALL PRESSURE RELIEF WALVE	CLOSEOUT PRESSURE RELIEF		SECURE OPS MANAGER PRIORITY FOR FOUNDATION	PERFORM ENGINEERING SCREENZENG FOUNDATION SU	PREPARE INCP PACKAGE FOR FOURDATION SUMP	PROCURE MATERIAL FOR FOUNDATION SUMP	REVIEW/APPROVE INCP PACK	DELIYER MATERIAL FOR FOUNDATION SUMP	An in the state of
ACTIVITY ID		13300074	13300073	13300060	13300080	13300061	13300040	13300041	13300110	13300111	13300112	13300114	13300113	13300100	13300101	13300102	13300103	13300120	13300104	13300105	13300130	13300131	13300106	13300107	13300030	13300035			ł	13400612	13400014	13400013	13400020	Plot bate 22 lang Berta bite 21 lang Pocket Siart 1867 22 Proket Sinith 2 lang 12 CC I Princera Systems, Inc

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ACTIVITY DESCRIPTION	ORIG DUR	TOTL FLT RESP	EARLY START	EARLY FINISH	1993 JAN FEB MAR MAY JUN JUL AUG SEP 00T
INSTALL PUMP/MOTER/PIPE/ELECTRICAL FOUND. SUMP	=	TNI 68	25,51393	16W0P07	BUILDING FOUNDATION SUMP
		1 1	1 1	2344893] =
PROCESS AIR - INITIATE WO	-	1	100		PROCESS AIR
SECURE OPS MANAGER PRIORITY FOR PROCESS AIR	-	C7 1 VTB	SEETBOY 1	152HN43A	-
INVESTIGATE HATER/OIL MIX, IN PROCESS AIR	8	1	1755893	1 CMODO2	
PREPARE INCP PACKAGE FOR PROCESS AIR	~	1	1746097	1940000]
PROCURE MATERIAL FOR PROCESS AIR REPAIR	2		17MAR93	2349893	• -
REVIEW/APPROVE INCP PACKAGE FOR PROCESS AIR	-	S7 LHT0	19MAR93	1940893	
DELIVER HATERIAL FOR PROCESS AIR REPAIR	10	1 1	24MAR93	64PR93	
DR WATER/OIL MIX IN PRCS	AIR 14	60 MAINT	7/4/7993	27APR93	
CLUSTOUL MUCESS AIR	S	OF LATE	2847893	4MAY93	
					LIGHTING
INSTITUTE NEW EXTENSION BAND	62	MAINT	18JAN93A	18JAN93A	- 1
DELIYER LAB BENCH EQUIPMENT	8	100 pour	ACOINT CT	vol. Library	LAB BENCH OUTFITING
		1	TO ILLO	CATEON	PEDATTIK DONCENINCE
FORMAT PWTE LINE-UP CHECK-OFF LIST PER TAPG	c	æ	13 ION930	15 Johnson	ביין דער נייטרביים איני
FORMAT EDTA ADDITION PER TAPG	+	8	13.104939	18 IONG 30	
FORMAT NITRIC ACTO ADDITION FOR TAPG	r2.	85	13JAN93A	18.10M930	
FORMAT EVAP FEED SYS PER TAPG	2	8	14.JAN9.3A	15JAN93A	
PARALLEL REVIEW CYCLE - PATE LINE UP CHECK-OFF	က	124 ER	18JAN93A	22.JAW93	
PARALLEL REVIEW CYCLE - EDTA ADDITION	က	84 ER	18JAN93A	22.JAH93	
PARALLEL REVIEW CYCLE - EVAP FEED SYS	e	114 ER	18 JAN93A	22JAN93	
FORMAT DISTILLATE FEED SYS PER TAPG	9	8	18JPN93A	18JAN93A	
COMPLETE PAR FOR UNLOADING BRINE TANKER	-	23	18JAN93A	18JAN93A	_
PARALLEL REVIEW CYCLE - NITRIC ACID ADDITION	63	122 ER	19JAN939	22.JAN93	
PARALLEL REVIEW CYCLE - DISTILLATE FEED SYS	ന	114 ER	19.JAN93A	22,14493	
COMPENT RESOLUTION - PUTE LINE UP CHECK-OFF LIST	1	124 ER	25.JAN93	25.JAN93	
COMMENT RESOLUTION - EDTA ADDITION	2	84 ER	25,16419.3	26JAN93	
COMPENT RESOLUTION - NITRIC ACID ADDITION	က	122 ER	25.JAN93	27JAN93	
COMMENT RESOLUTION - EVAP FEED SYS	2	123 ER	25.144193	26.10#93	-
Calculation of the Cart sales (No.) (1) (1) (1) (1) (1) (1) (1) (1) (1) (EGRG ROCKY FLATS	FLATS		Mart 4 at 15 REY 18 - 21/144/73
	SOLAR	SOLAR PONDS REMEDIATION PROJECT BUILDING 910 EVAPORATORS SCHEDUF	ATTON PROJE	71 11E	Parts Bariston Greekel Browned

1993 JAN FEB HAR 64PR 1971 JUN JUL 60G 5EP 00T	OPĘKATING PROCEDURES																			_										OPERATING PROCEDURES - LICON EQPT				Bate Revision Geskel frecord
EARLY FINISH	_	28JAN93	27.191193	27.JAW93	28JAN93	28JAN93	1FEB93	29JAN93	1FEB93	2FEB43	SFEB43	1FEB93	3FEB93	ЖЕВ43	4FEB93	8FEB93	3FEB43	4FEB93	SFEB93	10FEB93	15FEB93	15FEB93	16FEB93	18FEB93	23FEB93	24FEB93	26FEB93	3MAR93	4MAR93		23FEB93	26FEB93	1MAR43	SCT NULE
EARLY		25.181193	25,19193	26.JAN93	27.JAN93	27 JAN93	28JAH93	28JAN93	28.JAN93	29,16493	29JAN93	29.101193	1FEB93	2FEB93	2FEB93	2FEB93	3FEB93	4FEB93	SFEB93	9FEB93	11FEB93	15FEB93	16FEB93	17FEB93	19FEB43	24FEB93	25FB93	1MR93	4MAR93		17FEB93	24FEB93	1144893	FLATS A110M PROJI A10RS SCHEI
TOTL FLT RESP		121 ER	114 ER	124 ER	84 ER	123 ER	124 ER	122 ER	114 ER	94 ER	123 ER	121 ER	122 ER	124 ER	121 ER	114 ER	123 ER	122 ER	121 ER	114 ER	114 ER	76 ER	114	57 ER	57 ER	57 ER	57 ER	57 ER	57 ER		78 ER	78 ER	78 ER	EGRG ROCKY FLATS SOLAR PONDS RENEDIATION PROJECT BUILDING 910 EVAPORATORS SCHEDULE
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TION		COMMENT RESOLUTION - DISTILLATE FEED SYS	FORMAT CONCENTRATE SYS PER TAPG	CONCURRENCE REVIEW - PHIE LINE UP CHECK-OFF LIST	CONCURRENCE REVIEW - EDTA ADDITION	CONCURRENCE REVIEW - EVAP FEED SYS	CONCUR, / COMMT RESOL - PWTE LINE UP CHECK-OFF	CONCURRENCE REVIEW - NITRIC ACID ADDITION	PARALLEL REVIEW CYCLE - CONCENTRATE SYS	CONCUR, / COMMT RESOL - EDTA ADDITION	CONCUR, / COMMT RESOL - EVAP FEED SYS	CONCURRENCE REVIEW - DISTILLATE FEED SYS	CONCUR, / COPANT RESOL - NITRIC ACID ADDITION	APPROVAL - PATE LINE UP CHECK-OFF LIST	CONCUR, / COMMI RESOL - DISTILLATE FEED SYS	COMMENT RESOLUTION - CONCENTRATE SYS	APPROVAL – EYAP FEED SYS	- NITRIC ACID ADDITION	APPROVAL - DISTILLATE FEED SYS	CONCURRENCE REVIEW - CONCENTRATE SYS	CONCUR, / COMIT RESOL - CONCENTRATE SYS	APPROVAL - EDTA ADDITION	PPROVAL - CONCENTRATE SYS	WRITE PROCEDURE FOR UNLOCOING BRINE TOWKER	PARALLEL REVIEW CYCLE FOR UNLOADING BRINE TANKER	COMMENT RESOLUTION OF UNLOADING BRINE TANKER	CONCURRENCE OF UNLOADING BRINE TANKER OPER PROC	INCORPORATE COMMENTS DBTAINED ON CONCURRENCE	APPROVE UNLOADING BRINE TANKER PROCEDURE		COMPLETE REVRITE OF UNIT 1,2,3 EVAP PROCEDURE	PARALLEL REVIEW CYCLE - EVAP UNIT 1,2,3	COMPENT RESOLUTION - EVAP UNIT 1,2,3	Petitrit potent between Dead Oritical Schilds (Schild Schild)
ACTIVITY DESCRIPTION		COMMENT	FURMAT C	CONCURRE	CONCURRE	CONCURRE	CONCUR. /	CONCURRE	PARALLEL	CONCUR. /	CONCUR, /	CONCURRE	CONCUR. /	APPROVA	CONCUR. /	COMPENT	APPROVAL	APPR0YAL	APPROVAL.	CONCURRE	CONCUR. /	APPROVA	APPROVA	WITE PR	PARALLEL	COMPENT	CONCURRE	INCORPOR	PPR0YE		COMPLETE	PARALLEL	COMMENT	2
ACTIVITY ID		14150030	14160010	14110040	14120040	14140040	14110050	14130040	14160020	14120050	14140050	14150040	14130050	14110080	14150050	14160030	14140080	14130080	14150080	14160040	14160050	14120080	14160080	14170010	14170020	14170030	14170040	14170050	14170090		14210015	14210020	14210030	Plot ble 22Jarg Ande ble 21Jarg Project Start 18772 Project finish 2July CCI Priannes Systems, Tre

- 100 100 111 188 104 100	DURES - LICON EQPT				ALARI RESPONSE PROCEDURES																													Seet 11 of 15 ET 98 - 21/201/13 Marie Revision Gracked forcord
ION FER MOR	ERBT 18G				ARK RESP									_	_	_	0			_	_	-	_	_	-	_	-	_	=		_	***	_	
EARLY FINISE		3HAR93	BHARCIS	9MAR93	₹	11 JANY3A	11.JAW93A	11 JAN93A	11.JAN93A	11 JANGSA	21.JAN93	26JAN93	27JAN93	28J9H93	27.JAN93	24JQ#43	1FEB93	ZFEB93	4FEB43	FEB93	2FEB93	4FEB93	3FEB93	4FEB93	SFEB93	9FEB93	10FEB93	10FEB93	12FEB93	19FEB93	11FEB93	19FEB93	17FEB93	10
EARLY START		244893	4MAR93	9MAR93		11 JAN939	11 JAN939	11 JAN939	11 JAN939	11 JAN939	18 JAN 930	22 JAN 93	22 JOH 93	25.104493	27.JGM93		28.JAN93	29,124193	29,104193	1FEB93	2FEB93	3FEB43	3FEB93	4FEB93	4FEB93	SFEB43	8FEB93	10FEB93	10FEB43	10FEB93	11FEB93	15FEB93	16FEB93	FLATS NTION PROJEC NORS SCHED
101. " Fl.T RESP		78 ER	78 ER	78 ER		8	ER	ER	E	8	101 ER	101 ER	47 ER	80 ER	101 ER	101 ER	47 ER	96 ER	80 ER	101 ER	47 ER	47 ER	96 ER	101 ER	96 ER	47 ER	46 ER	97 ER	88 ER	80 ER	46 ER	89 ER	88 ER	EGRG ROCKY FLATS SOLAR PONDS REMEDIATION PROJECT BUILDING 910 EYAPORATORS SCHEDULE
ORIG TO DUR FI		۲	9	-		-	_	-		-	+	æ	-	+	-	2	3	က	8	3	-	م	-	-	2	က	3	-	3	8	1	-	2	SOLAR PO Building
		4P UNIT 1,2,3	IAP UNIT 1,2,3	5.3		CONTROL PANEL ARP	I ANNUNCIATOR PANEL ARP	ICIATOR PANEL ARP	ARPS	25	OOL PANEL	MAIN CONTROL PANEL ARP	NCIATOR PAKEL	ir panel	IN CONTROL PANEL ARP	IN CONTROL PAKEL ARP	PARALLEL REVIEW CYCLE - ALARM MINUNCIATOR PANEL	- ANNUNCIATOR PANEL ARP		I'N CONTROL PANEL ARP	APM ANNUNCIATOR PANEL ARP	NOM PANNUNCIATOR PANEL ARP	UNCIATOR PANEL ARP	PANEL ARP	UNCIATOR PANEL ARP	- ALARM MANUNCIATOR PANEL AR	- ANNUNCIATOR PANEL ARP	TOR PANEL ARP	- NEMS ARPS		WEL ARP	IS ARPS	is arps	P4 0
ACTIVITY DESCRIPTION		CONCURRENCE REVIEW - EVAP UNIT 1,2,3	CONCUR, / COMMT RESOL - EVAP UNIT 1,2,3	APPROVAL - EYAP UNIT 1,2,3		COMPLETE PRR'S FOR MAIN CONTROL PANEL ARP	COMPLETE PAR'S FOR ALARM ANNUNCIATOR PANEL	COMPLETE PRR'S FOR ANNUNCIATOR PAVEL ARP	COMPLETE PRRYS FOR MENS ARPS	COMPLETE PRR'S FOR VC ARPS	HRITE ARP FOR MAIN CONTROL PANEL	PARALLEL REVIEW CYCLE - MAIN CONTROL PANEL	WRITE ARP FOR ALARM ANNUNCIATOR PAKE	HRITE ARP FOR ANNUNCIATOR PANEL	COMPENT RESOLUTION - MAIN CONTROL PANEL MAP	CONCURRENCE REVIEW - MAIN CONTROL PANEL MRP	PALLEL REVIEW CYCLE -	PARALLEL REVIEW CYCLE -	IRITE ARPS FOR MENS	CONCUR, /COMNT RESOL - MAIN CONTROL PANEL ARP	COMPENT RESOLUTION - ALARM ANNUNCIATOR PANEL	CONCURRENCE REVIEW - PLARM MINUNCIATOR PANE	COMPENT RESOLUTION - ANNUNCIATOR PRINEL ARP	APPROVAL - MAIN CONTROL PANEL ARP	CONCURRENCE REVIEW - PANUNCIATOR PANEL ARP	CONCUR, / COMMT RESOL - AL	CONCUR, /COMNT RESOL - AN	APPROVAL - ALARM ANNUCIATOR PANEL	PARALLEL REVIEW CYCLE -	HRITE ARPS FOR VC	APPROVAL - ANNUCIATOR PANEL ARP	COMPENT RESOLUTION - MEMS ARPS	CONCURRENCE REVIEW - MEMS ARPS	All the second sec
ACTIVITY ID DES		14210040 CON		14210080 APP		14310090 CDM	14320090 COP	14330090 CON	14340090 0014	14350090 CDP	14310100 HRI	14310120 PAR	14320100 HRI	14330100 HRI	14310130 001	14310140 CON	14320120 PAR	14330120 PAR	14340110 NRI	14310150 CON	14320130 COP	14320140 CDIN	14330130 CDIN	14310180 APF	14330140 CON	14320150 001	14330150 CDN	14320180 APF	14340120 PAF	14350110 HR	14330180 APP	14340130 001	14340140 CON	Plot bete 22.MTG Data bete 21.MTG Project Start 16.TTG Project Finish 24.8TTG CCI Pricavers Systems, Inc.

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	PARALLEL REVIEW CYCLE - VC ARPS	60	80 ER	22FEB93	24FEB93	
	ARPS	1	88 ER	23/11943	23FEB93	
	ION - VC ARPS		98 53	25FB93	25FFR93	
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	h to 130 miles	S01.99	SOLAR PONDS REMEDIATION PROJECT	TON PROJECT	_	Bole Revision Oschel Serrored
(C) Prinavera Systems, Inc.		BUILDING	BUILDING 910 EYAPORA10RS SCHEDULE	ORS SCHEDUL	بىا	

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(C) Pringvers Systems, Inc.	83	UTLDING	BUILDING 910 EYAPORATORS SCHEDULE	JRATORS	SCHEDULE		

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1011, FLT RESP SPRP	1100	110EC92A	150EC92A	220EC929	19FEB93	27.JAN93	3FEB43	3FEB93	28.19.143	10FEB93	10FEB43	9FEB93	15FEB93	17FEB93	24FEB93	1MAR93	QUUNG3	16JUN93	15,001,93	2,111193	21,10193	16JUL93	22,11193	29,111,43	170F0928	23DEC92A	4JAW93A		받
	11050929		1505099	SDEC439	13JAN93A	21 JAN93	21 JAN93	21.JAN93	25.19193	#FEB93	4FEB93		11FEB93	11FEB93	18FEB93	25FB93	7.JUN93	10JUN93	17.JUN-93	23.UM93	8,001,93	16,001,93	22,11143	23,011.43	170FC929	230EC42A	4JAN93A		FLATS VIION PROJEC VIORS SCHEDN
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	REUNCORKEGO REVIEW MOD		16440040 NFO SUBMIT INVIRA MOD TO COM	16430050 REQUEST RORA TANKER PERMIT ADDITION			-	16420010 MEPARE QUALIFICATION SAMPLING PLAN 16420010 NEPA DOCUMENTATION - VERIFY	RCRA PERMIT REVIEW	16460020 REVIEW COMENT & RESOLUTION DAP		16440050 COHZEPA APPROVAL OF INVIRA NOD							16420040 SUBMIT SAPILES TO LOR - DIAL SOMETIME PLAN				l	16470080 SECURE APPROVAL OF QUAL SAMPLES	16500010 NRTTE 0SA		16500030 OPERATOR REVIEW OF DSA	F	Ord Date 2 Jan 19 Mills Carbon Date 19 Mills

	ACTIVITY	1	TOT	, igg	F001 V	
ACTIVITY 1D		} ≅	FLT RESP	START	FINIS	6663
			1			HEALTH & SAFETY PLAN
16600010	DEVELOP HAS PLAN	7	#RS	160EC929	2405029	*
1660020	APPROVE HLS PLAN		ES I	18JAN938	1BJAN93A	
						EMERGENCY PREPAREDNESS PLAN
16700010	WRITE EMERGENCY PREPAREDNESS PLAN	8	OLATO 96	18JAN93A	26FEB93	
16700020	REVIEW/COMMENT ON EMERGENCY PREPAREDINESS PLAN	2	d∃ 9b	CP944H1	SHARPS	
16700030	APPROVE EYERCENCY PREPAREDINESS PLAN	5	43 9b	BWARGS	12MAR93	
						SCLF ASSESMENT
1700005	IDENTIFY CHECKLISTS	-	EMBS	80EC42A	110EC92A	
17000007	PROJECT APPROVE CHECKLISTS	0	8		110EC92A	
17000015	WALIDATE CHECKLISTS	+	O EVES	13MAY93	1 B 44793	
17000017	COMPENSATORY MEASURES	2	des o	1944793	2644793	, 🗖
17000020	SELF-ASSESSMENT RPT	-	+ EMS	194401793	1940793	
17000030	REVIEW & APPROVAL BY EGLG MANAGEMENT	-	dads 0	27/19/193	27M0Y93	
17000040	DOE REPOINESS EVALUATION	<u>ر</u>	1 2 0	SONOYON	2 IIIMO2	. E
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Prior ware 22.00 to Date Date 21.00 to Date	Solution of the state of the st	94 185	EGRG ROCKY FLATS	FLATS		Ser. 15 d 15 Edit Revision Operated Approximant
			JUNDS REMED	SULFIX PUNDS REMEDIATION PROJECT BITTOTAL 910 EVAPORATIONS SCHEDIUE		
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